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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/773,810
		Filing Date	February 6, 2004
		First Named Inventor	LEIGHTON
		Group Art Unit	Not yet assigned.
		Examiner Name	Not yet assigned.
Sheet	1	of	1
		Attorney Docket Number	
		LT - REISSUE	

**U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature	/Anh La/	Date Considered	06/16/2005
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

Sheet 1 of 1

<i>Complete if Known</i>	
Application Number	10/773,810
Priority Date	February 6, 2004
Named Inventor	LEIGHTON
Unit	2636
Assignee Name	LA, ANH V
Casey Docket Number	LT-REISSUE

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**U. S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
AL	F26	GB	1567784	05-21-1980	INF CIT HONEYWE	
AL	F27	JP	6176214 (prev. submitted)	06-24-1994	Hata	✓

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Sheet

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Art Unit	TBD
Examiner Name	TBD

Attorney Docket Number

LT-REISSUE

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		Number-Kind Code <sup>2</sup> (if known)			
AL	1	US- 2,532,501	12-05-1950	Johnson	
	2	US- 2,874,751	02-24-1959	Norton	
	3	US- 3,681,167	08-01-1972	Moore	
	4	US- 3,769,132	10-30-1973	Cram	
	5	US- 3,820,090	06-25-1974	Wiegand	
	6	US- 3,879,251	04-22-1975	Ingham	
	7	US- 3,994,225	11-30-1976	Sitzberger	
	8	US- 4,108,713	08-22-1978	Weisz	
	9	US- 4,204,822	05-27-1980	Hewitt	
	10	US- 4,216,577	08-12-1980	Badet	
	11	US- 4,242,789	01-06-1981	Fox	
	12	US- 4,263,523	04-21-1981	Wiegand	
	13	US- 4,290,838	09-22-1981	Reavill	
	14	US- 4,450,024	05-22-1984	Haghiri-Tehrani	
	15	US- 4,499,371	02-12-1985	Rose	
	16	US- 4,550,057	10-29-1985	Kataoka	
	17	US- 4,617,216	10-14-1986	Haghiri-Tehrani	
▼	18	US- 4,668,314	05-26-1987	Endoh et al.	
	19	US- 4,701,236	10-20-1987	Vieilledent	

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AL	F1	DE 33 40 600 C1	01-10-1985	Normann		
	F2	DE 37 21 822 C1	11-10-1988	Sickert		
	F3	DE 39 10 021 A1	10-04-1990	Kasper et al.		
	F4	DE 41 05 869 C2	05-18-2000	gleich Patentinhaber		
▼	F5	DE 41 41 972 C2	02-02-1995	Vogt		
	F6	DT 18 10 986	06-11-1970	Klecz		

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

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Application Number	10/773,810
Filing Date	February 6, 2004
First Named Inventor	LEIGHTON
Art Unit	TBD
Examiner Name	TBD

Attorney Docket Number LT - REISSUE

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AL	20	US- 4,714,980	12-22-1987	Hara	
	21	US- 4,752,204	06-21-1988	Kataoka	
	22	US- 4,792,843	12-20-1988	Haghiri-Tehrani et al.	
	23	US- 4,795,898	01-03-1989	Bernstein et al.	
	24	US- 4,841,134	06-20-1989	Hida et al.	
	25	US- 4,863,546	09-05-1989	Melzer et al.	
	26	US- 4,897,533	01-30-1990	Lyszczarz	
	27	US- 4,931,853	06-05-1990	Ohuchi et al.	
	28	US- 4,965,689	10-23-1990	Normann et al.	
	29	US- 4,980,802	12-25-1990	Champagne et al.	
	30	US- 5,067,008	11-19-1991	Yanaka et al.	
	31	US- 5,097,117	03-17-1992	Champagne et al.	
	32	US- 5,173,840	12-22-1992	Kodai et al.	
	33	US- 5,208,450	05-04-1993	Uenishi et al.	
	34	US- 5,250,341	10-05-1993	Kobayashi et al.	
	35	US- 5,268,043	12-07-1993	McCowan	
	36	US- 5,268,699	12-07-1993	Laute et al.	
↓	37	US- 5,272,596	12-21-1993	Honore et al.	
	38	US- 5,396,650	03-07-1995	Terauchi	

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AL	F7	EP 0 013 557 B1	04-27-1983	Moraw et al.		
	F8	EP 0 140 230 B1	01-10-1990	Hoppe et al.		
	F9	EP 0 154 970 B1	01-31-1990	Kettelholt et al.		
	F10	EP 0 499 513 B1	12-28-1994	Cusson et al.		
↓	F11	EP 0 570 062 A1	11-18-1993	Hakkers et al.		
	F12	EP 0 616 906 A2	09-28-1994	Takeko et al.		

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Sheet	3	of	8	Filing Date	February 6, 2004
				First Named Inventor	LEIGHTON
				Art Unit	TBD
				Examiner Name	TBD
				Attorney Docket Number	LT - REISSUE

U. S. PATENT DOCUMENTS					
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AL	39	US- 5,399,223	03-21-1995	Vogt	
	40	US- 5,412,192	05-02-1995	Hoss	
	41	US- 5,438,750	08-08-1995	Venambre	
	42	US- 5,448,110	09-05-1995	Tuttle et al.	
	43	US- 5,519,201	05-21-1996	Templeton, Jr. et al.	
	44	US- 5,567,362	10-22-1996	Grun	
	45	US- 5,719,746	02-17-1998	Ohbuchi et al.	
	46	US- 5,774,339	06-30-1998	Ohbuchi et al.	
	47	US- 5,809,633	09-22-1998	Mundigl et al.	
	48	US- 5,817,207	10-06-1998	Leighton	
	49	US- 5,951,927	09-14-1999	Cope	
	50	US- 6,036,099	03-14-2000	Leighton	
	51	US- 6,214,155	04-10-2001	Leighton	
	52	US- 6,248,199	06-19-2001	Smulson	
	53	US- 6,441,736	08-27-2002	Leighton	
▼	54	US- 6,514,367	02-04-2003	Leighton	
	55	US- 6,557,766	05-06-2003	Leighton	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
AL	F13	EP 0 616 906 A3	09-28-1994	Takeko et al.	
	F14	EP 0 640 940 A2	03-01-1995	deJong et al.	
	F15	EP 0 778 542 A3	12-30-1998	Watada	
	F16	FI - PCT - WO 93/20537	10-14-1993	Aintila	
▼	F17	FR - PCT - WO 87/01651	03-26-1987	Collin	
	F18	GB 2 225 283 A	05-30-1990	Chatwin et al.	

Examiner Signature	/Anh La/	Date Considered	06/16/2006
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Sheet	4	of	8		

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
AL	F19	GB 2 279 610 A	01-11-1995	Jarvis		
	F20	JP 3-55297	03-11-1991			
	F21	JP 4-59397	02-26-1992			
	F22	JP 4-115996	04-16-1992			
↓	F23	JP 5-208577	08-20-1993			
	F24	JP 57135137 A	08-20-1982	Kataoka		

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*(Use as many sheets as necessary)*

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AL	F25	JP 57-52977	03-29-1982			
	F26	JP 59-48985	03-21-1984			
	F27	JP 6-176214	06-24-1994			
	F28	JP 6-286377	10-11-1994			
↓	F29	JP 60-109817	06-15-1985			
	F30	JP 61-123596	06-11-1986			

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AL	F32	JP 63-137897	06-09-1988			

Examiner Signature	/Anh La/	Date Considered	06/16/2006
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<p>Substitute for form 1449/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(Use as many sheets as necessary)</i></p>		<b>Complete if Known</b>	
		Application Number	10/773,810
		Filing Date	February 6, 2004
		First Named Inventor	LEIGHTON
		Art Unit	TBD
		Examiner Name	TBD
Sheet	7	of	8
		Attorney Docket Number	LT - REISSUE

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AL	A	BURKLE; PVC Laminating Press Technology CHK; Printed in W. Germany	
	B	BURKLE; Plastic Card Lamination Presses; Printed in Germany	
	C	OAKWOOD DESIGN; Lamination Presses for Bank Card & Printed Circuit Board Production; Hertfordshire, England	
	D	Innovations from OAKWOOD DESIGN; Lamination Presses for Bank Card & Printed Circuit Board Production; Hertfordshire, England	
	E	OAKWOOD DESIGN INNOVATIONS; Customer Service - A Commitment of the First Order; Autumn 1990; M.J. Marketing	
	F	OAKWOOD DESIGN; Oakwood Series 6 Laminators; Hertfordshire, England, 1987	
	G	OAKWOOD DESIGN; Instruction Manual For Operation of Oakwood Series 6 F/2/3 and 6E/2/3 Hydraulically Operated PVC Laminator; Letchworth; October 1991	
	H	OAKWOOD DESIGN; Innovations Winter 91/92; VidCard Systems	
	I	VEREINIGTE KUNSTSTOFFWERKE GmbH; Technical Manual for STAUFEN VKW ID-Card Films; April 1986	
↓	J	Lamination Logbook; March 8, 1993 through January 8, 1997	

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		Filing Date	February 6, 2004
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AL	K	MAZZUCCHELLI VINYLS; Typical Lamination Cycle; TS Jan. 1994		
	L	VEREINIGTE KUNSTSTOFFWERKE GmbH; PVC Films ID Cards		
	M	VEREINIGTEKUNSTSTOFFWERKE GmbH; Preface; Staufen Rigid PVC Films for ID Cards; September 1992		
↓	N	The Smartcard Handbook; pp 19, 38-39, 301		

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				Application Number	10/773,810
				Filing Date	February 6, 2004
				First Named Inventor	LEIGHTON
				Group Art Unit	Not yet assigned.
				Examiner Name	Not yet assigned.
				Attorney Docket Number	LT - REISSUE
Sheet	1	of	5		

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
AL	1	5,817,207		Keith R. Leighton	10/06/1998	
	2	6,036,099		Keith Leighton	03/14/2000	
	3	6,214,155 B1		Keith R. Leighton	04/10/2001	
	4	6,441,736 B1		Keith R. Leighton	08/27/2002	
	5	6,514,367 B1		Keith R. Leighton	02/04/2003	
	6	6,557,768 B1		Keith R. Leighton	05/08/2003	
	7	3,994,225		Frands D. Sitzberger	11/30/1976	
	8	4,417,413		Joachim Hoppe et al.	11/29/1983	
	9	4,450,024		Yahya Haghiri-Tehrani et al.	05/22/1984	
	10	4,460,825		Yahya Haghiri-Tehrani et al.	07/17/1984	
	11	4,474,292		Yahya Haghiri-Tehrani et al.	10/02/1984	
	12	4,563,575		Joachim Hoppe et al.	01/07/1988	
	13	4,587,413		Joachim Hoppe et al.	05/08/1988	
	14	4,697,073		Kazuya Hara	09/29/1987	
	15	4,701,236		Gerard Vieliedent	10/20/1987	
	16	4,788,102		Anthony A. Koning et al.	11/28/1988	
	17	4,792,843		Yahya Haghiri-Tehrani et al.	12/20/1988	
	18	4,795,898		Howard L. Bernstein et al.	01/03/1989	
	19	4,837,184		Paul T. Lin et al.	06/06/1989	
	20	4,841,134		Yoshiaki Hida et al.	06/20/1989	

FOREIGN PATENT DOCUMENTS							
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Office <sup>3</sup>	Number <sup>4</sup>				
AL	F1		DE4431606	Josef Mundigl et al.	03-07-1998		X
	F2		DE4431606	Specification of DE4431608	03-07-1996		X
	F3		DE4431606	Translation - Specification of DE4431608	03-07-1998		
	F4		DE91111708	P. Riebing	05-27-1992		
	F5		DE19809838	Manfred Fries, et al.	08-14-1997		
	F6		EP0071255	Hans Ulrich et al.	02-09-1983		X
	F7		EP0071255	Specification of EP0071255	02-09-1983		x
	F8		EP0071255	Translation - Specification of EP0071255	02-09-1983		
	F9		EP0193856	Kazuya Hara	09-10-1986		
	F10		EP0209791	Kazuya Hara et al.	04-14-1993		

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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/773,810
				Filing Date	February 6, 2004
				First Named Inventor	LEIGHTON
				Group Art Unit	Not yet assigned.
				Examiner Name	Not yet assigned.
Sheet	2	of	5	Attorney Docket Number	LT - REISSUE

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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>3</sup> (if known)			
AL	21	4,897,602		Paul T. Lin et al.	01/30/1990	
	22	4,931,853		Masayuki Ohuchi et al.	08/05/1990	
	23	4,980,802		Daniel Champagne et al.	12/25/1990	
	24	5,067,008		Yoshimi Yanaka, et al.	11/19/1991	
	25	5,097,117		Daniel Champagne et al.	03/17/1992	
	26	5,173,840		Shojo Kodai et al.	12/22/1992	
	27	5,208,450		Mitsuki Uenishi et al.	05/04/1993	
	28	5,244,840		Shojo Kodai et al.	09/14/1993	
	29	5,250,341		Makoto Kobayashi et al.	10/05/1993	
	30	5,268,699		Peter K. Lauta et al.	12/07/1993	
	31	5,272,596		Jack P. Honore et al.	12/21/1993	
	32	5,341,421		Michel Ugon	08/23/1994	
	33	5,357,091		Masayuki Ozawa et al.	10/18/1994	
	34	5,387,306		Charles R. Jarvis	02/07/1995	
	35	5,396,850		Tohru Terasuchi	03/07/1995	
	36	5,399,223		Werner Vogt	03/21/1995	
	37	5,399,847		Francois Droz	03/21/1995	
	38	5,399,907		My N. Nguyen et al.	03/21/1995	
▼	39	5,412,192		Robert J. Moss	05/02/1995	
	40	5,438,219		Mark E. Kotzan et al.	08/01/1995	

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
AL	F11		EP0547524		Werner Vogt	08-06-1997		
	F12		EP0640940		Willem Otto de Jong et al.	03-01-1995		
	F13		EP0646895		Hiroshi Iwasaki	01-19-2000		
	F14		FR2718281		Jean-Christophe Fidalgo	08-18-1995		
	F15		GB2225283		Charles Edward Chawkin et al.	05-30-1990		
	F16		GB2267683		Charles Richard Jarvis	12-15-1993		
	F17		GB2279610		Charles Richard Jarvis	01-11-1995		
	F18		JP6176214			06-24-1994		
▼	F19		WO8808592		Joel R. Smulson	11-03-1988		
	F20		WO9422111		Francois Droz	09-29-1994		X

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Substitute for form 1449A/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/773,810
		Filing Date	February 6, 2004
		First Named Inventor	LEIGHTON
		Group Art Unit	Not yet assigned.
		Examiner Name	Not yet assigned.
Sheet	3	of	5
		Attorney Docket Number	
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Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
AL	41	5,438,750		Jacques Venambre	08/08/1995	
	42	5,448,110		John R. Tuttle et al.	09/05/1995	
	43	5,479,416		Charles K. Snodgrass et al.	12/26/1995	
	44	5,519,201		Thomas H. Templeton, Jr. et al.	05/21/1996	
	45	5,567,362		Herbert Grun	10/22/1996	
	46	5,598,032		Jean-Christophe Fidalgo	01/28/1997	
	47	5,612,532		Hiroshi Awasaki	03/18/1997	
	48	5,688,738		Shih-Lai Lu	11/18/1997	
	49	5,719,746		Jun Ohbuchi et al.	02/17/1998	
	50	5,774,339		Jun Ohbuchi et al.	06/30/1998	
	51	5,809,633		Josef Mundigl et al.	09/22/1998	
	52	5,817,207		Keith R. Leighton	10/06/1998	
	53	5,852,289		Tsutomori Masahiko	12/22/1998	
	54	5,969,415		Markus Pranz	10/19/1999	
	55	5,996,897		Markus Pranz	12/07/1999	
	56	6,020,827		Manfred Fries et al.	02/01/2000	
	57	6,036,099		Keith Leighton	03/14/2000	
	58	6,081,025		Markus Pranz	06/27/2000	
	59	6,095,424		Markus Pranz	08/01/2000	
	60	6,110,854		Shih-Lai Lu	08/28/2000	

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First Named Inventor	Leighton
Art Unit	Not yet assigned.
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AL	A1	"Smart Card Technology International", cover page (author and date unknown)	
AL	A2	BURKLE, "Laminating Presses for Plastic Cards" (date unknown.)	

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